

AMENDMENTS TO THE CLAIMS

1-7. (Canceled)

8. (New) A self-heat-conductive heat dissipating module, comprising:

a plurality of heatsinks which are overlapped, said heatsinks being physically separated from each other and having a discontinuous contact interface, with each said heatsink having a plurality of fins connected to a base of said heatsink, said base also having a plurality of trenches;

at least one heat convection superconductive tube containing a high temperature superconductor composite material, said superconductive tube connecting a pair of said heatsinks, said at least one superconductive tube having a first portion that is received in one of said trenches of said base of a first heatsink of said pair of heatsinks, and said at least one superconductive tube having a second portion that is received in one of said trenches of said base of a second heatsink of said pair of heatsinks, such that heat is transferred from said first portion to said second portion; and

at least one fan positioned so as to blow air on said heatsinks.

9. (New) The self-heat-conductive heat-dissipating module according to claim 8, wherein:

said at least one superconductive tube has a U shape, with one end of said U shape being received in one of said trenches of said base of said first heatsink of said pair of heatsinks, and a second end of said U shape being received in one of said trenches of said base of a second heatsink of said pair of heatsinks, such that said first and said second heatsinks are buckled into a heatsink set.

1 10. (New) The self-heat-conductive heat-dissipating module according to claim 9,
2 wherein:

3 said fins are arranged in an alternating fashion.

1 11. (New) The self-heat-conductive heat-dissipating module according to claim 8,
2 wherein:

3 said self-heat-conductive heat dissipating module has a first said heatsink and a
4 second said heatsink and two said superconductive tubes, with each said superconductive
5 tube being formed with double U shapes, two free ends of said double U shapes of each
6 said superconductive tube being received in said trenches of said first heatsink and two
7 inner portions of said double U shapes being received in said trenches of the said second
8 heatsink, said first heatsink and said second heatsink thereby being buckled into a
9 heatsink set.

1 12. (New) The self-heat-conductive heat-dissipating module according to claim 8,
2 wherein:

3 a plurality of heat dissipating modules formed by heatsinks and superconductive
4 tubes are assembled together.

1 13. (New) The self-heat-conductive heat-dissipating module according to claim 8,
2 wherein:

3 a plurality of heat dissipating fans are utilized.